BOX DESIGN

BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE
Pro-Ject Speed Box S

Dear music lover,

thank you for purchasing a PRO-JECT AUDIO Speed Box. * The unit permits electronic speed change of your Pro-Ject record player between 33 and 45 r.p.m. and also permits the replay of shellac records by allowing ** 78 r.p.m. with an appropriate pulley and cartridge.

In order to achieve maximum performance and reliability you should study these instructions for use carefully.

Warning of a hazard for the user, the unit or possible misuse.

Important notice.

Safety instructions

AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.

The power supply is used to disconnect the unit from the mains. Make sure that the power supply is easily accessible at all times. Never handle the device, the power supply while your hands are wet or damp.

Avoid letting liquids enter the device or the power supply. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device or the power supply. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Connecting the record player

Connect the power cable supplied (polarity -⊖+) to the socket **Output ~16V** and to the power supply socket of the record player. The original power supply of the record player is then no longer required.

Make all connections whilst the Speed Box is disconnected from the power supply.

Only models with mains socket power supply. 16V/190mA AC max..

** The Pro-Ject 1.2 E, Debut III E, Debut III/Phono SB, Debut Carbon (all models), Xpression III Comfort, Xperience Comfort, RPM 6.1 SB, RPM 6.1 SB SuperPack, RPM 9.1 SuperPack, Xtension (all models) and Signature may not be used with the Speed Box.*

Mains power connection

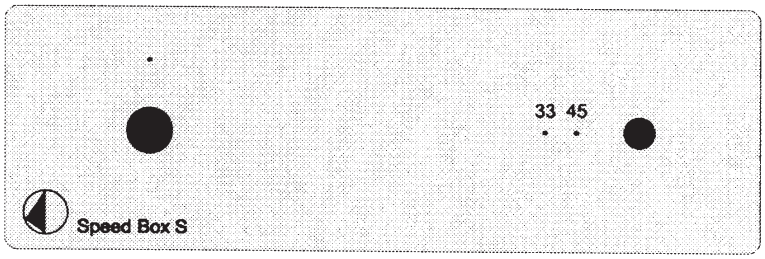
Connect the low voltage plug from the power supply to the socket **Power 18V ⎓** before connecting the power supply to the mains.

Never use any other power supply than the one supplied with the unit.

To switch on from standby or to standby

The push button on the left hand side will toggle the Speed Box between its fully operational status and standby. The blue LED above the stand-by push button shows that the unit is switched on.

Speed selection 33/45 r.p.m.



The belt must be on the smaller (50Hz models) larger (60Hz models) diameter part of the motor pulley. Press the button **33 45** to switch between 33 and 45 r.p.m.. The selected speed is shown respectively by the lit LED. To play at 45 or ** 78 r.p.m. please always start the turntable at 33 r.p.m. and then switch to the higher speed when it has attained full speed.

Replay at 78 r.p.m.

** In order to replay shellac records at 78 r.p.m. your turntable must be equipped with the 78 r.p.m. pulley which is available as an optional accessory for most models.
After fitting the 78 r.p.m. pulley please proceed as follows: Remove the platter and using the tool from the accessory kit fit the belt around the larger diameter step of the pulley. Replace the Platter, start the turntable at 33 r.p.m. and switch the speed to 45 r.p.m., the platter will then revolve at 78 r.p.m..

Fitting the 78 r.p.m. pulley

Before beginning work fit the cartridge's needle protection cover.
Remove the platter and drive belt. Please remember that sweat or sticky fingers will impair the function of the belt. Use a piece of kitchen paper or a cloth to remove the belt.
Measure the height of the pulley above the plinth in order to ease correct refitting.
Using a small screwdriver loosen the grub screw in the neck of the pulley just enough to remove the pulley vertically without using force. Refit the pulley in the opposite order. Tighten the grub screw carefully making sure you do not overtighten it.
Fit the drive belt around the subplatter and the pulley. Again, use a piece of paper or cloth to avoid soiling the belt. Replace the platter.

*** 78 r.p.m. is not available with the Essential (all models), Xperience Basic +, Xperience Comfort, Xperience Acryl, Xperience Classic, Xperience SuperPack, PerspeX, PerspeX Anniversary, RPM 1.3 Genie, RPM 1.3 Genie SuperPack, RPM 9.1, RPM 9.1 SuperPack, RPM 9.1 Acryl, RPM 9.2 Evolution, RPM 10.1 Evolution and Signature.*

The models Debut III/Phono SB, Xpression III Comfort, RPM 5 SuperPack, RPM 5.1 SuperPack, RPM 6.1 SB, RPM 6.1 SB SuperPack and Xtension (all models) are equipped with the 78 r.p.m. pulley as a standard.

Technical specifications Pro-Ject Speed Box S

Nominal speeds:	* 33 and 45 r.p.m. ** Optional 78 r.p.m.
Quartz oscillator:	Speed stability +/- 0,001%
Turntable connection:	16V/AC 190mA max. (3W power consumption max.)
Outboard power supply:	18V/500mA DC, suitable for your country's mains supply
Dimensions W x H x D (D with sockets):	103 x 36 x 104 (104)mm
Weight:	560g without power supply

Service

Should you encounter a problem which you are not able to alleviate or identify, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Warranty

The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or change to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.

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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.

Product information

01. 2013

Speed Box S

Electronic motor control and speed change

- Quartz-generated high precision electronic speed regulation with microprocessor control
- Sound improvement through motor running smoothness
- Clean power decoupled from mains interference
- Allows electronic speed change 33 & 45 rpm
- 78 rpm possible with optional accessory pulley
- Suitable for all turntables with 16 volt AC motor, up to 3 watt max. power consumption
- Metal case shields electronics from vibration and electromagnetic interference
- Small size allows installation close to record player
- Outboard power supply included
- Available in silver or black finish

INPUT	18V DC
OUTPUT	16 V AC / 190mA (up to 3W max)
SPEED STABILITY	+/- 0,001%
FINISH	Front black or silver
POWER SUPPLY	18V/500mA DC
DIMENSIONS	103 x 36 x 104 mm (WxHxD)
WEIGHT	560 g without power supply

These turntables with 16 volt AC motor are compatible with Speed Box S:

33/45 (78 with optional pulley):

Pro-Ject Debut III, Debut Carbon (only US version with 16 volt motor), 1-Anniversary, Art-1, 1-Xpression III & Classic, RPM-5.1

33/45 (no 78 available, because pulley can not be exchanged):

Essential, 2-Xperience Acryl & Classic, 6-perspeX, RPM-1.3, RPM-9.1X RPM-9.2, RPM-10.1,

Caution! Do not use Speed Box S with following turntables:

Debut III E, Debut II Phono USB, Debut Carbon (all non-US versions), Essential Phono USB, Juke Box (all types), 1-Xpression III Comfort; X-tension (all types)

For older turntables, consult your dealer!

ECO < 1 watt

Retail price
129,00 €

Upgrade to best possible turntable performance with convenient speed changeover through keypress!

A very useful accessory for many Pro-Ject turntables, that do not offer a built-in electronic speed change. The Speed Box S performs this change by the push of a button between 33 and 45 rpm! The quartz regulation and filter circuit gives a far better speed stability for smooth and undisturbed motor operation. Speed Box S is compatible with a lot of Pro-Ject turntables (see list above) and some also offer the possibility to play 78 rpm records with the addition of a special accessory pulley!

Faceplate in silver

Rear panel:
DC in & AC out

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